



Material Safety Data Sheet

[OSHA 29 CFR 1910.1200]

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MSDS V

SECTION I: PRODUCT IDENTIFICATION

QUIKRETE® Product Name

Code #

Rock Salt

9002

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

| Components | CAS No. | PEL (OSHA) mg/M ³ | TLV (ACGIH) mg/M ³ |
|-----------------|-----------|---------------------------------|----------------------------------|
| Sodium Chloride | 7647-14-5 | Non hazardous | |

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

| | | | |
|-----------------------------|-----------------------------|--------------------------|---------|
| Solubility in water: | 36 gm/ 100 cc at 20°C | Specific Gravity: | 2.165 |
| Appearance and Odor: | White to off-white -No odor | Boiling Point: | 1413°C |
| % Non-Volatile: | 100 % | pH: | about 7 |

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammability: Noncombustible and not explosive.

SECTION V - REACTIVITY DATA

Stability: Stable.

Condition to Avoid: Will react with strong acids to release HCl and strong oxidizing agents to release Cl₂.

Hazardous decomposition products: Will release toxic fumes of Cl₂ and Na₂O

Hazardous Polymerization: Will Not Occur.

SECTION VI - HEALTH HAZARD DATA

Oral Toxicity: Oral rat LD50: 3000 mg/kg (RTECS,1986)

Dermal Toxicity: Skin irritation rabbit: 500 mg/24 hr. Mild (RTECS,1986)

Eye: Eye irritation rabbit: 100 mg/24 hr. Moderate (RTECS,1986)

Inhalation: No information available

EFFECTS OF OVEREXPOSURE

Ingestion: Very large doses can cause vomiting, diarrhea, and prostration.

Skin Contact: Not expected to be a health hazard.

Eye Contact: May cause irritation.

Inhalation: Inhalation of dust may cause mild irritation to mucous membranes, nose and throat. Symptoms may include coughing, dryness and sore throat.

Acute Systemic Effects: Dehydration and congestion may occur in internal organs. Hypertonic salt solutions can produce inflammatory reactions in the gastrointestinal tract.

Chronic System Effects: No information available.

FIRST AID PROCEDURES

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

Skin Contact: Wash exposed area with soap and water. Get medical attention if irritation develops.

Inhalation: Remove to fresh air. Get medical attention for any breathing difficulty.

Ingestion: If large amounts were swallowed, get medical advice.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Transport in dry equipment. Storage should be in a dry location.

Spill protection: containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

Disposal: What can not be reclaimed may be delivered to an approved waste disposal facility, or if local ordinances allow, can be dissolved in sufficient amounts of water to meet water quality standards, and flushed down the sewer drain. Insure compliance with local, state and federal regulations.

Some States have set a maximum limit on chlorides in waste effluent. The only practical way of meeting the limits is to dilute the waste with additional water.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: For conditions where exposure to the dust is apparent, a NIOSH approved dust/mist respirator may be worn.

For Hands, Body: If deemed necessary, wear protective gloves and clean body-covering clothing.

For Eyes: Use chemical safety goggles. Contact lenses should not be worn when working with this material. Maintain eye wash fountain and quick-drench facilities in the work area.

Ventilation: In general, dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.

NOTE:The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein.